

MD Cansu Deniz Canal

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Istanbul Technical University, Makina Fakültesi, Makina Mühendisliği, Turkey 2014 - Continues

Postgraduate, Istanbul Technical University, Enerji Enstitüsü, Enerji Bilimi Ve Teknolojileri, Turkey 2011 - 2014

Undergraduate Double Major, Marmara University, Mühendislik Fakültesi, Makina Mühendisliği, Turkey 2007 - 2011

Undergraduate, Marmara University, Mühendislik Fakültesi, Çevre Mühendisliği, Turkey 2006 - 2011

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Foreign Language, IELTS KURSU, İSTANBUL LİSANS MERKEZİ, 2016

Quality Management, ISO 14001, MEYER, 2011

Quality Management, ISO9001, MEYER, 2011

Foreign Language, TOEFL KURSU, DÜNYA DİLLERİ MERKEZİ, 2010

Dissertations

Postgraduate, HYDROGEN PRODUCTION BY CATALYTIC DECOMPOSITION OF METHANE, İstanbul Teknik Üniversitesi, Enerji Enstitüsü, Enerji Bilimi Ve Teknolojileri, 2014

Research Areas

Technical Sciences, Mechanical Engineering, Energy, Renewable Energy Systems, Alternative Energy Resources, Thermodynamics, Heat and Mass Transfer, Fuels and Combustion, Heating, Refrigerating and Air Conditioning, Computational fluid dynamics

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Computational investigation of oxy-combustion of pulverized coal and biomass in a swirl burner**
Benim A. C., Canal C., Böke Y. E.

ENERGY, vol.238, 2022 (SCI-Expanded)

II. A Validation Study for RANS Based Modelling of Swirling Pulverized Fuel Flames

Benim A. C., Deniz Canal C., Böke Y. E.

ENERGIES, vol.14, no.21, 2021 (SCI-Expanded)

III. COMPUTATIONAL ANALYSIS OF PULVERIZED COAL CO-FIRING WITH BIOMASS IN 150MWe UNIT OF TUNCBILEK THERMAL POWER PLANT

Deniz Canal C., Böke Y. E., AYDIN Ö., Benim A. C.

ISI BILIMI VE TEKNİĞİ DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.41, no.1, pp.37-50, 2021 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. Numerical analysis of pulverized biomass combustion

Canal C., Böke E., Benim A. C.

13th International Conference on Computational Heat, Mass and Momentum Transfer, ICCHMT 2021, Paris, France, 18 - 19 May 2021, vol.321

II. Hydrogen and carbon nanotube production via catalytic decomposition of methane

Yavuz N., Deniz Canal C.

SPIE International Symposium on NanoScience+Engineering, San Diego, United States Of America, 25 - 29 August 2013, pp.327

Metrics

Publication: 6

Citation (Scopus): 7

H-Index (Scopus): 1