

# Prof. ALİ CAN DALOĞLU

## Personal Information

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## Education Information

Doctorate, Texas Tech University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, United States Of America 1988 - 1992

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Makina Mühendisliği Bölümü, Turkey 1981 - 1982

Undergraduate, Karadeniz Technical University, Makina-Elektrik Fakültesi, Makina Mühendisliği Bölümü, Turkey 1975 - 1979

## Research Areas

Mechanical Engineering, Energy, Fluid Mechanics, Thermodynamics, Heat and Mass Transfer, Engineering and Technology

## Academic Titles / Tasks

Professor, Karadeniz Technical University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2007 - Continues

Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2000 - 2007

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 1993 - 2000

## Academic and Administrative Experience

Karadeniz Technical University, Mühendislik Fakültesi, Makina Mühendisliği, 2014 - Continues

Karadeniz Technical University, Mühendislik Fakültesi, 2007 - 2013

Karadeniz Technical University, Mühendislik Fakültesi, Makina Mühendisliği, 2000 - 2005

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

- I. **Numerical and experimental study of air flow by natural convection in a rectangular open cavity: Application in a top refrigerator**  
Durmus A., DALOĞLU A. C.  
EXPERIMENTAL HEAT TRANSFER, vol.21, no.4, pp.281-295, 2008 (Journal Indexed in SCI)
- II. **Pressure drop in a channel with cylinders in tandem arrangement**  
Daloglu A. C.  
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.35, no.1, pp.76-83, 2008 (Journal Indexed in SCI)
- III. **An overview of advanced space/terrestrial power generation device: AMTEC**

- LODHI M., VIJAYARAGHAVAN P., Daloglu A. C.  
JOURNAL OF POWER SOURCES, vol.103, no.1, pp.25-33, 2001 (Journal Indexed in SCI)
- IV. **Simulation and analysis of time-dependent degradation behavior of AMTEC**  
LODHI M., VIJAYARAGHAVAN P., Daloglu A. C.  
JOURNAL OF POWER SOURCES, vol.96, no.2, pp.343-351, 2001 (Journal Indexed in SCI)
- V. **Design and material variation for an improved power output of AMTEC cells**  
LODHI M., Daloglu A. C.  
JOURNAL OF POWER SOURCES, vol.93, pp.32-40, 2001 (Journal Indexed in SCI)
- VI. **Time-dependent BASE performance and power degradation in AMTEC**  
LODHI M., VIJAYARAGHAVAN P., Daloglu A. C.  
JOURNAL OF POWER SOURCES, vol.93, pp.41-49, 2001 (Journal Indexed in SCI)
- VII. **Effect of radiation shield on pressure losses and power output of AMTEC cell**  
LODHI M., Daloglu A. C.  
JOURNAL OF POWER SOURCES, vol.93, pp.258-267, 2001 (Journal Indexed in SCI)
- VIII. **Effect of geometrical variations on AMTEC cell heat losses**  
LODHI M., Daloglu A. C.  
JOURNAL OF POWER SOURCES, vol.91, no.2, pp.99-106, 2000 (Journal Indexed in SCI)
- IX. **Heat transfer from a cylinder in the wake flow**  
Daloglu A. C. , UNAL A.  
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.27, no.4, pp.569-580, 2000 (Journal Indexed in SCI)
- X. **Performance parameters of material studies for AMTEC cell**  
LODHI M., Daloglu A. C.  
JOURNAL OF POWER SOURCES, vol.85, no.2, pp.203-211, 2000 (Journal Indexed in SCI)
- XI. **Natural convection in a periodically finned vertical channel**  
Daloglu A. C. , AYHAN T.  
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.26, no.8, pp.1175-1182, 1999 (Journal Indexed in SCI)
- XII. **Study on overall heat transfer coefficient for a rotating cavity type heat exchanger**  
Daloglu A. C.  
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.26, no.6, pp.861-867, 1999 (Journal Indexed in SCI)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Performance analysisi for an earth tube heat exchanger for summer cooling in Ankara**  
DALOĞLU A. C.  
The 8th Mediterranean Congress of Heating, Ventilating and Air-Conditioning (CLIMAMED 2015), Juan-Les-Pins, France, 9 - 11 September 2015, pp.1-6
- II. **Kanal Akışında Akışa Dik Yerleştirilen Silindirik Engellerin Basınç Düşümüne Etkisinin İncelenmesi**  
DALOĞLU A. C.  
1. Ulusal Havacılık ve Uzay Konferansı, Ankara, Turkey, 21 - 23 September 2006, pp.1-6
- III. **Engel Arkasındaki Bir Silindirden Isı Transferinin İncelenmesi1**  
DALOĞLU A. C.  
11. Ulusal Isı bilimi ve Tekniği Kongresi, Edirne, Turkey, 17 - 19 September 1997, pp.903-912
- IV. **Taşıt Yanal Rüzgar Hassasiyetine Kaldırma Kuvveti Etkisinin İncelenmesi**  
DALOĞLU A. C.  
8. Ulusal Makina Teorisi Sempozyumu, Elazığ, Turkey, 17 - 19 September 1997, pp.426-429
- V. **Response of the Driver-Vehicle System to Cross-Wind Excitations**  
DALOĞLU A. C.

ETC&E Conference: Structural Dynamics Vibration and Buckling Symposium, Houston, United States Of America, 9 - 11 September 1995, pp.11-16

**VI. Küresel Şekilli Kompozit Cisimlerde Isı Transferi**

DALOĞLU A. C.

10. Ulusal Isı bilimi ve Tekniği Kongresi, Ankara, Turkey, 6 - 08 September 1995, pp.139-148

**VII. Taşıt Kontrolunda Rüzgar Etkisi**

DALOĞLU A. C.

6. Ulusal Makina Teorisi Sempozyumu, Trabzon, Turkey, 9 - 11 September 1993, pp.537-546

## **Citations**

Total Citations (WOS):126

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