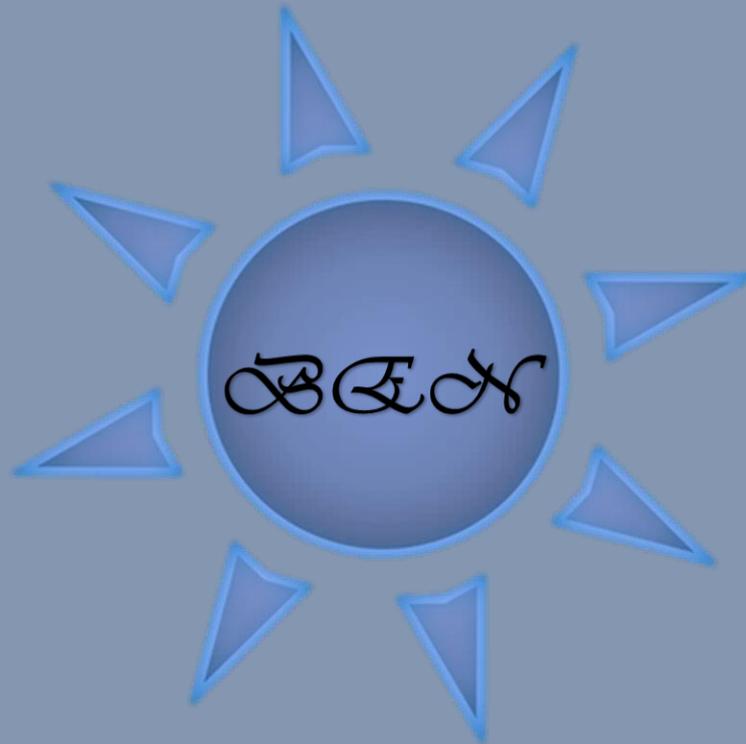


Volume: 7

Issue: 3

July 2026

ISSN: 2687-5195



Brilliant Engineering

Editor: A.C. AYDIN

HEA
Publications

Brilliant Engineering

Editor-in-Chief
Gökhan KAPLAN

Editorial Board

Ali ALLAHVERDİ

Kuwait University, KUWAIT

Ayhan ÇELİK

Ataturk University, TURKEY

Ayman S. MOSALLAM

University of California, USA

Ayşe YURTCAN BAYRAKÇEKEN

Ataturk University, TURKEY

Bennaceur OUAKİ

ENSMR, MOROCCO

Burak DİKİCİ

Ataturk University, TURKEY

Burak ERKYAMAN

Ataturk University, TURKEY

Ensar OĞUZ

Ataturk University, TURKEY

Ergün YILDIZ

Ataturk University, TURKEY

German DELAFUENTE

Zaragoza University, SPAIN

Hikmet ALTUN

Ataturk University, TURKEY

Hüseyin BİLGİN

EPOKA University, ALBANIA

Hongze WANG

Shanghai Jiao Tong University,
CHINA

İhsan EFEOĞLU

Ataturk University, TURKEY

Jian JIANG

China University of Mining and
Technology, CHINA

Jinyang XU

Shanghai Jiao Tong University,
CHINA

Kadir BİLEN

Ataturk University, TURKEY

Kemal BEYEN

Kocaeli University, TURKEY

Khalil EL-HAMI

University of Hassan, MOROCCO

Mahmood KHALID

King Abdulaziz University, SAUDI
ARABIA

Mahmut FIRAT

Inonu University, TURKEY

Marko SERAFIMOV

Methodius University,
MACEDONIA

Mehmet Emin AYDIN

University of the West England,
UK

Mehmet ERTUĞRUL

Ataturk University, TURKEY

Mehmet İNAN

Oregon University, USA

Mirsaeid Hosseini SHIRVANI

Sari Branch, Islamic Azad
University, Sari, IRAN

Mohd Nizar HAMIDON

Universiti Putra MALAYSIA

Mojtaba B. SİRJANI

Norfolk State University, USA

Murat DAL

Munzur University, TURKEY

Naimul HAQUE

East West University,
BANGLADESH

Omer ÇOMAKLI

Ataturk University, TURKEY

Özgür ANIL

Gazi University, TURKEY

Taner TEKİN

Ataturk University, TURKEY

Togay ÖZBAKKALOĞLU

Texas State University, USA

Vahid JAHANGIRI

University of Mohagheh
Ardabili, IRAN

Vecihi YİĞİT

Ataturk University, TURKEY

Yao YU

North Dakota State University,
USA

Yusuf ÖZTÜRK

San Diago State University, USA

Brilliant Engineering is a quarterly published by ACA Publishing, as an international open access journal. Whole of the submitted papers are subjected to peer review process. The manuscripts with high quality original content will be published.

Copyright © ACA Publishing Online ISSN: 2687-5195
Publisher: Abdulkadir Cüneyt AYDIN <ACA Publishing>
Ataturk University, Engineering Faculty
Department of Civil Engineering
25030 Erzurum, TURKEY

Contents

Article ID

**M. Vefa TOPÇU, Orhan YILDIRIM, Şendoğan KARAGÖZ, Sadık ERDOĞAN,
Mine GÜRSAÇ ÇELİK**

**Design and Thermal Performance Analysis of an Operating Table-
Integrated Heating System for Perioperative Hypothermia
Management**

41110

Research Article