



## Personal Information

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## Education Information

Doctorate, Istanbul Technical University, Makina, Makina Mühendisliği, Turkey 2022 - Continues

Postgraduate, Istanbul Technical University, Makina, Makina Mühendisliği, Turkey 2019 - 2022

Undergraduate, Yıldız Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering, Turkey 2013 - 2018

## Research Areas

Neural Networks, Heat and Mass Transfer, Computational fluid dynamics, Thermal Systems

## Published journal articles indexed by SCI, SSCI, and AHCI

### I. Prediction of specific heat of hybrid nanofluids using artificial neural networks

Subaşı A., Erdem K.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.37, no.1, pp.377-387, 2022 (Journal Indexed in SCI)

### II. An integrated optimization methodology for heat transfer enhancement: A case study on nanofluid flow in a pipe equipped with inserts

Subaşı A., Erdem K.

International Journal of Heat and Mass Transfer, vol.172, 2021 (Journal Indexed in SCI)

## Supported Projects

Subaşı A., Şahin B., Erdem K., ÖZDEMİR M. R. , Project Supported by Higher Education Institutions, Adjoint Optimizasyon İle Elektrikli ve Hibrit Araçlarda Kullanılan IGBT Modülleri İçin Soğutucu Tasarımı, 2022 - Continues

Şahin B., Subaşı A., Erdem K., ÖZDEMİR M. R. , ÖZER R. A. , Project Supported by Higher Education Institutions, Dielektrik akışkanlı ortamda yüksek ısı akıllı elektronik bileşenlerin tek ve çift faz daldırma soğutma karakteristiklerinin belirlenmesi, 2022 - Continues