

Lect. FATİH ATCI

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Makina Mühendisliği, Turkey 2021 - Continues

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Makina Mühendisliği, Turkey 2017 - 2020

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 2012 - 2016

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Numerical investigation of the Effect of Lamp Position and Reflectivity on Disinfection Performance of in duct UVC systems, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Makine Mühendisliği, 2020

Research Areas

Mechanical Engineering, Energy, Thermodynamics, Heating, Refrigerating and Air Conditioning, Engineering and Technology

Academic Titles / Tasks

Lecturer, Karadeniz Technical University, Rektörlük, Merkezi Araştırma Laboratuvarı, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of heat transfer limits for flow boiling in expanding heat sinks having micro pin fins**
MARKAL B., EVCİMEN A., ATCI F., AYDIN O.
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.156, 2024 (SCI-Expanded)
- II. **Evaluation of in-duct UV-C lamp array on air disinfection: A numerical analysis**
Atcı F., Çetin Y. E., Avcı M., Aydın O.

Refereed Congress / Symposium Publications in Proceedings

I. Air Disinfection with Far-UVC (222 nm) in an Office Environment: Numerical Study

Atcı F., Çetin Y. E., Aydın O.

15. Ulusal Tesisat Mühendisliği Kongresi, , İzmir, İzmir, Turkey, 26 - 29 April 2023, pp.1-12

II. UV Lamba Diziliminin Hava Dezenfeksiyonu Üzerindeki Etkisi:Kanal Uygulaması

Atcı F., Çetin Y. E., Avcı M., Aydın O.

22. Isı Bilimi ve Tekniği Kongresi (22nd Congress on Thermal Science and Technology), Kocaeli, Turkey, 11 - 14 September 2019, vol.1, pp.371-377

Supported Projects

DURAN C., ALEMDAĞ Y., DEMİR S., CİHANGİR F., ÖZKALAYCI F., ÖZSANDIKCIOĞLU Ü., MISIR M. N., KÜÇÜKÖMEROĞLU T., ALVER Ü., ALP İ., et al., Project Supported by Higher Education Institutions, NANOPARÇACIK NANOTEL VE NANOMALZEMELERİN TOPOGRAFIK VE KOMPOZİSYON ANALİZLERİNİN ALAN ETKİLİ TARAMALI ELEKTRON MİKROSKOBU İLE İNCELENMESİ, 2023 - Continues

AVCI M., TUBİTAK Project, Temiz odalarda menfez konumlarının ve oda geometrisinin kirletici dağılımına etkisinin deneysel ve sayısal olarak incelenmesi, Continues

Metrics

Publication: 4

Citation (WoS): 21

Citation (Scopus): 24

H-Index (WoS): 1

H-Index (Scopus): 1

Congress and Symposium Activities

15. Ulusal Tesisat Mühendisliği Kongresi, Attendee, İzmir, Turkey, 2023

22nd Congress on Thermal Science and Technology, Attendee, Kocaeli, Turkey, 2019

Scholarships

TUBİTAK 1001 Bursiyer, TUBİTAK, 2018 - 2019